



PTO/SB/08a/b (08-03)

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Substitute for form 1449A/B/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>			<b>Complete if Known</b>		
			Application Number	10/014,585	
			Filing Date	December 14, 2001	
			First Named Inventor	Tsuyoshi Fujiwara	
			Art Unit	2681	
			Examiner Name	Not Yet Assigned	
Sheet	1	of	1	Attorney Docket Number	O3020.0285/P285

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
HP	AA	US-5,565,857	10/15.1996	Lee	
HP	AB	US-6,112,989	09/05/2000	Sheldon	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code <sup>3</sup>	Number-Kind Code <sup>4</sup> (if known)			
HP	BA	WO	99/55102	10/28/1999		
HP	BB	WO	98/35333	08/13/1998		
HP	BC	WO	00/62260	10/19/2000		
HP	BD	EP	0 913 979 A2	05/06/1999		
HP	BE	JP	2000-268215	09/29/2000		
HP	BF	JP	8-110923	04/30/1996		
HP	BG	JP	10-320597	12/04/1998		
HP	BH	JP	4-340827	11/27/1992		
HP	BI	JP	2000-115054	04/21/2000		
HP	BJ	JP	10-290477	10/27/1998		

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NON PATENT LITERATURE DOCUMENTS			
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HP			

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				Filing Date	December 14, 2001
				First Named Inventor	Tsuyoshi Fujiwara
				Group Art Unit	N/A
				Examiner Name	Not Yet Assigned
Sheet	1	of	1	Attorney Docket Number	O3020.0285/P285



U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document Number	Kind Code <sup>2</sup> (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear

FOREIGN PATENT DOCUMENTS							
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		Office <sup>3</sup>	Number <sup>4</sup>				
HP	A		07-087568		T. Akihiko	03-31-1995	
	B		07-245782		Y. Daisuke et al.	09-19-1995	
	C		07-336758		M. Keisuke et al.	12-22-1995	
	D		10-042362		M. Hiromasa	02-13-1998	
	E		10-042371		F. Toshio	02-13-1998	
	F		10-107875		O. Muneyuki	04-24-1998	
	G		10-107876		I. Hiroyuki et al.	04-24-1998	
	H		10-145864		S. Tomoya	05-29-1998	
	I		10-150406		S. Mare	06-02-1998	
	J		10-200467		O. Masayoshi et al.	07-31-1998	
	K		10-200470		G. Hiroshi	07-31-1998	
	L		10-222108		T. Susumu	08-21-1998	
	M		10-261183		S. Eiko	09-29-1998	
	N		11-098564		S. Masaharu	04-09-1999	
	O		11-127483		S. Toshinori	05-11-1999	
	P		11-144100		S. Kazumi	05-28-1999	
	Q		11-331955		S. Katsutoshi et al.	11-30-1999	
	R		2000-041282		T. Makio	02-08-2000	
	S		2000-165957		S. Takanori et al.	06-16-2000	
	T		2000-184444		H. Kazuyoshi	06-30-2000	

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
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Examiner Signature	<i>Huyehar</i>	Date Considered	09/03/04
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